

AMENDMENTS TO THE CLAIMS

In the Claims:

The following listing of claims replaces and supersedes all prior versions and listings of claims in the application.

Listing of Claims:

Please cancel claims 12-17 without prejudice or disclaimer and add new claims 29-35 set forth below.

1. (Currently Amended) An apparatus for processing bank notes ~~having~~
comprising:

a transport system with a plurality of transport paths for transporting bank notes,

wherein the transport system has a diverter device with a bidirectionally drivable transport path between two transport path branchings to permit bank notes in said transport path to be transported in two opposite directions,

wherein the diverter device has a diverter module with at least four inputs/outputs, and

wherein the diverter module is a separate part.
2. (Original) An apparatus according to claim 1, wherein the diverter module includes said bidirectionally drivable transport path between said two transport path branchings.

3. (Previously Presented) An apparatus according to claim 2, wherein the diverter module is adapted to be removed, swung open, or a combination thereof.

4. (Previously Presented) An apparatus according to claim 1, wherein the diverter module has two single diverters each with at least three inputs/ outputs, a first input/output of the first single diverter being connected or connectable to a first input/output of the second single diverter.

5. (Currently Amended) An apparatus according to claim 4, ~~characterized in that~~ wherein the connection between the first input/output of the first single diverter to the first input/output of the second single diverter forms the bidirectional transport path between the two transport path branchings.

6. (Currently Amended) An apparatus according to claim 1, ~~characterized in that~~ wherein at least one or both of the single diverters (38) each have a diverter vane (49) adapted to travel between two positions to divert bank notes alternatively to one of the inputs/outputs (34-37, 60, 61) of the particular single diverter.

7. (Currently Amended) An apparatus according to claim 6, ~~characterized in that~~ wherein the diverter vane (49) is displaceable between the two positions in a straight line and/or by means of an actuator, ~~in particular a bistable magnet.~~

8. (Currently Amended) An apparatus according to claim 1, ~~characterized in that~~ wherein the apparatus is an apparatus (1) for depositing bank notes (113) which has an input device (7) for inputting bank notes to be deposited and at least one of the

following parts: a singler (8) for singling inputted bank notes, a sensor device (10) for testing properties of inputted bank notes, an escrow (6) for temporarily storing inputted bank notes, an end cashbox (4) for final deposit of inputted bank notes, and a return device (19) for returning inputted bank notes.

9. (Currently Amended) An apparatus according to claim 8, ~~characterized in that~~ wherein the transport system has a first transport path (100) which is connected or connectable to the end cashbox (4) for depositing inputted bank notes, a second transport path (107) which is connected or connectable to the escrow (6), a third transport path (9, 11, 24) which is connected or connectable to the input device (7), a fourth transport path (99) which is connected or connectable to the return device (19), or a combination thereof.

10. (Currently Amended) An apparatus at least according to claim 2 9, ~~characterized in that~~ wherein the first to fourth transport paths are each connected or connectable to a different one of the four inputs/outputs (34-37) of the diverter module (33).

11. (Currently Amended) An apparatus according to claim 10, ~~characterized in that~~ wherein the third transport path is connected or connectable to a second input/output (34) of the first single diverter, the fourth transport path to a third input/output (35) of the first single diverter, the first transport path to a second input/output (37) of the second single diverter, and the second transport path to a third input/output (36) of the first single diverter.

12-17. (Cancelled)

18. (Currently Amended) An apparatus at least according to claim 8, characterized by wherein a control device (13) which controls the diverter device (33) in dependence on a user-specific default such that inputted bank notes are alternatively either diverted into the escrow (6) or transported into the end cashbox (4) while bypassing the escrow (6).

19. (Currently Amended) An apparatus according to claim 18, characterized in that wherein the user-specific default is prestored in the apparatus (1) or externally, can be inputted by the user by means of an operating unit, or a combination thereof.

20. (Currently Amended) An apparatus according to claim 1, characterized by wherein a bank-note storage (15) having in particular a film storage (15) with at least one rotatably mounted spool core (164) on which at least one film strip (152, 154) can be wound and unwound.

21. (Currently Amended) An apparatus according to claim 1, characterized in that wherein the spool core (164) is fastened to an output shaft (165) of a motor (162) such that rotation of the output shaft of the motor causes the spool core to rotate.

22. (Currently Amended) An apparatus according to claim 1, characterized in that wherein the apparatus (1) has a cassette carrier (3) with at least one of a fastening and locking unit for an end cashbox (4), and a further transport path (21) for supplying bank notes from the first transport path (100) to the end cashbox.

23. (Currently Amended) An apparatus according to claim 22, ~~characterized in that~~ wherein the cassette carrier (3) has at least one of mechanical, optical and magnetic drive and control elements (103, 105) for the end cashbox (4) to permit the latter to be driven or controlled free from electric contacts.

24. (Currently Amended) An apparatus according to claim 1, ~~characterized in that~~ wherein the diverter device (33) is mounted between two escrows for transporting bank notes between the two escrows, serves as a turn-over module, is connected or connectable to a turn-over module for turning over the position of bank notes, or a combination thereof.

25. (Currently Amended) An apparatus at least according to claim 8, ~~characterized by~~ wherein a control device for driving the escrow which is designed so that, in a deposit transaction, bank notes stored temporarily in the escrow can be outputted again in the pending, or at least one following transaction, or a combination thereof, regardless of whether the pending deposit transaction is aborted.

26. (Withdrawn (Currently Amended)) An apparatus at least according to claim 8, ~~characterized by~~ wherein a control device for driving the escrow which is designed so that, in a pending deposit transaction, bank notes first introduced into the escrow (6) remain therein if they are bank notes of a predetermined denomination, a predetermined sequence of different denominations, or a combination thereof, whereas the remaining bank notes temporarily stored in the escrow in the pending transaction

are transported to the return device if the pending transaction is aborted, or to the end cashbox if the pending deposit transaction is confirmed by the user.

27. (Previously presented) The apparatus of claim 17 wherein the connection of said transmission is via endless belts.

28. (Currently Amended) The apparatus of claim 22 wherein said cashbox is a bank note cassette.

29. (New) An apparatus according to claim 1, further comprising:
a direction of rotation switch-over transmission having a transmission input shaft;
a first transmission output shaft being coupled to the transmission input shaft;
and
a second transmission output shaft being coupled to the transmission input shaft;
wherein the transmission input shaft is rotatable in either of two input directions of rotation, the first transmission shaft being driveable in a direction of rotation opposite to the direction of rotation of said transmission input shaft, and the second transmission output shaft being driveable in only one direction of rotation.

30. (New) An apparatus according to claim 29, wherein the direction of rotation switch-over transmission further has a third transmission output shaft, the third transmission output shaft being driveable in only one direction of rotation which is opposite to the direction of rotation of the second transmission output shaft.

31. (New) An apparatus according to claim 30, wherein the transmission input shaft is coupled to the first, second and third transmission output shafts via a tooth gear coupling.

32. (New) An apparatus according to claim 30, wherein the second and third transmission output shaft are respectively coupled to freewheels.

33. (New) An apparatus according to claim 30, further comprising a drive unit which is coupled with the transmission input shaft of the direction of rotation switch-over transmission.

34. (New) An apparatus according to claim 30, wherein the first transmission output shaft is connected to bidirectional transport paths of the transport system and at least one of the second and third transmission output shafts is coupled to a unidirectional transport path of the transport system.

35. (New) An apparatus according to claim 30, wherein the apparatus is an apparatus for depositing bank notes having an input device for inputting bank notes to be deposited and a singler for singling inputted bank notes,

wherein the transport system has a first transport path which is connected or connectable to an end cashbox for depositing inputted bank notes, a second transport path which is connected or connectable to an escrow, a third transport path which is

connected or connectable to the input device, and a fourth transport path which is connected or connectable to a return device, and

wherein the direction of rotation switch-over transmission is connected to at least one of the first to fourth transport paths, and to the singler, for driving said at least one of the first to fourth transport paths.